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Jangdang-Dong, Pyungtaek-City, Kyunggi-Do 459-020 (KR).

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(74) Agent: **WON, Young-ho**; #205, Hanjoo Bldg., 647, Yeoksam-Dong, Kangnam-Ku, Seoul 135-080 (KR).

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(71) Applicant (for all designated States except US): **SNT CO., LTD** [KR/KR]; Snt Co., Ltd., 624, Jangdang-Dong, Pyungtaek-City, Kyunggi-Do 459-020 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KO, Kyung-hyun** [KR/KR]; AJOU University Material Engineering Department, San 5 Wonchun-Dong, Paldal-Gu, Suwon, Kyunggi-Do 442-749 (KR). **LEE, Ha-yong** [KR/KR]; AJOU University Material Engineering Department, San 5 Wonchun-Dong, Paldal-Gu, Suwon, Kyunggi-Do 442-749 (KR). **LEE, Jae-hong** [KR/KR]; SNT CO., LTD, 624, Jangdang-Dong, Pyungtaek-City, Kyunggi-Do 459-020 (KR). **LEE, Hun-sang** [KR/KR]; SNT CO., LTD, 624, Jangdang-Dong, Pyungtaek-City, Kyunggi-Do 459-020 (KR). **LEE, Jae-jung** [KR/KR]; SNT CO., LTD, 624,

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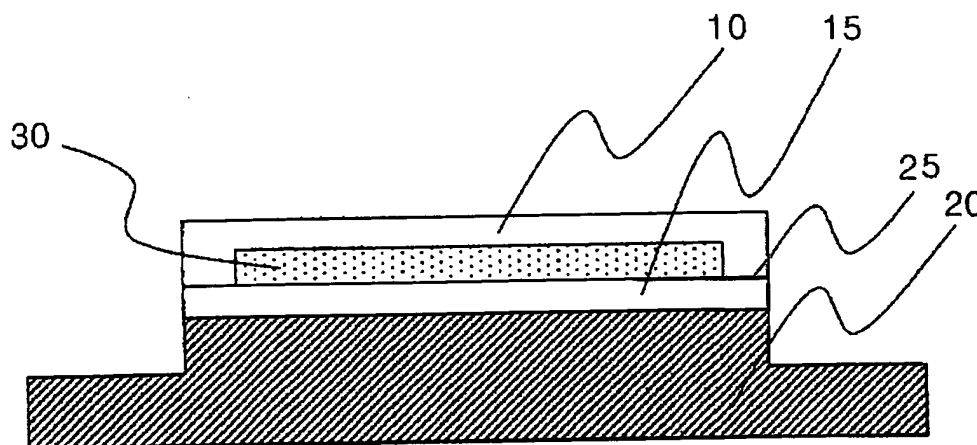
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(54) Title: ELECTRO-STATIC CHUCK WITH NON-SINTERED ALN AND A METHOD OF PREPARING THE SAME



(57) Abstract: The present invention relates to an electro-static chuck with non-sintered AlN and a method of preparing the same. Especially, the present invention relates to the electro-static chuck with non-sintered AlN which having coated aluminum nitride (AlN) layer as a dielectric one on the purpose of chucking the wafers in the process of wafers and a method of preparing the same. The electro-static chuck of the present invention has excellent dielectric characteristics, bonding strength and thermal conductivity by forming an AlN layer as a dielectric one without sintering process or bonding process with binders.